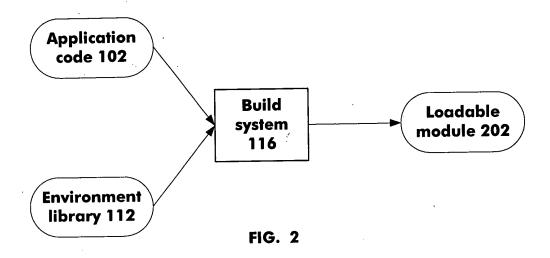


FIG. 1

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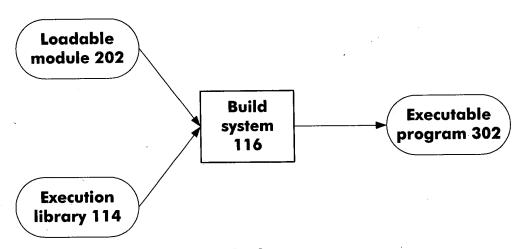
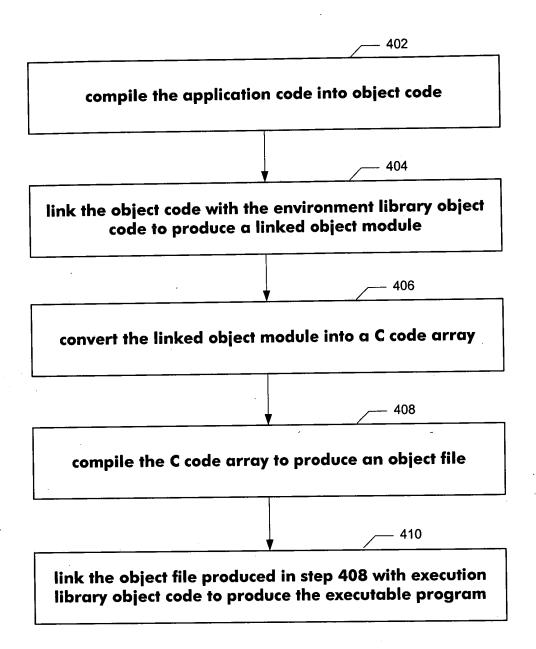
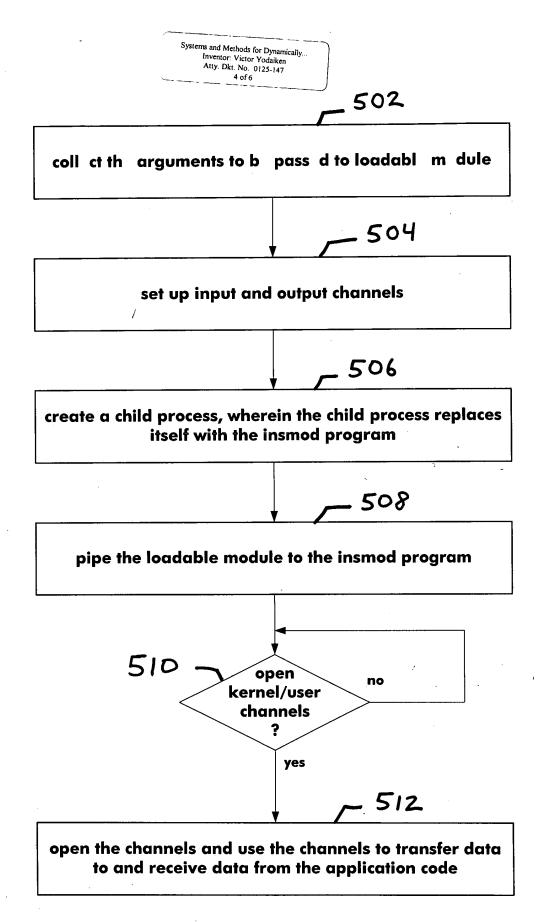


FIG. 3

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```
600
void *acquisition_thread( ...)
      next = read_current_time;
      while(done())
            add_period_to(next);
            clock_nanosleep(next);
            collect data from device;
            write(1,buffer,number_of_collected_bytes);
      }
main()
      initialize;
      pthread_create(acquisition_thread ...);
      rtl_main_wait();
      printf("Data acquisition has stopped\n");
}
```

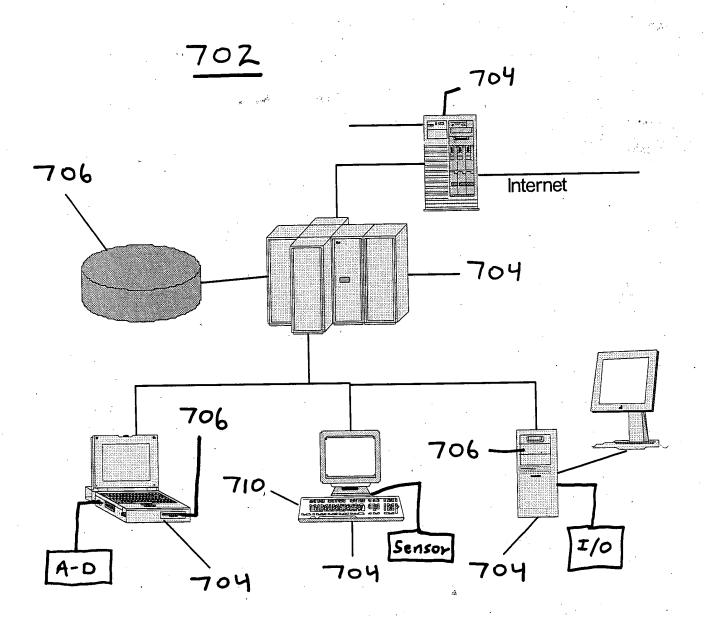


FIG. 7